

FIG. 1

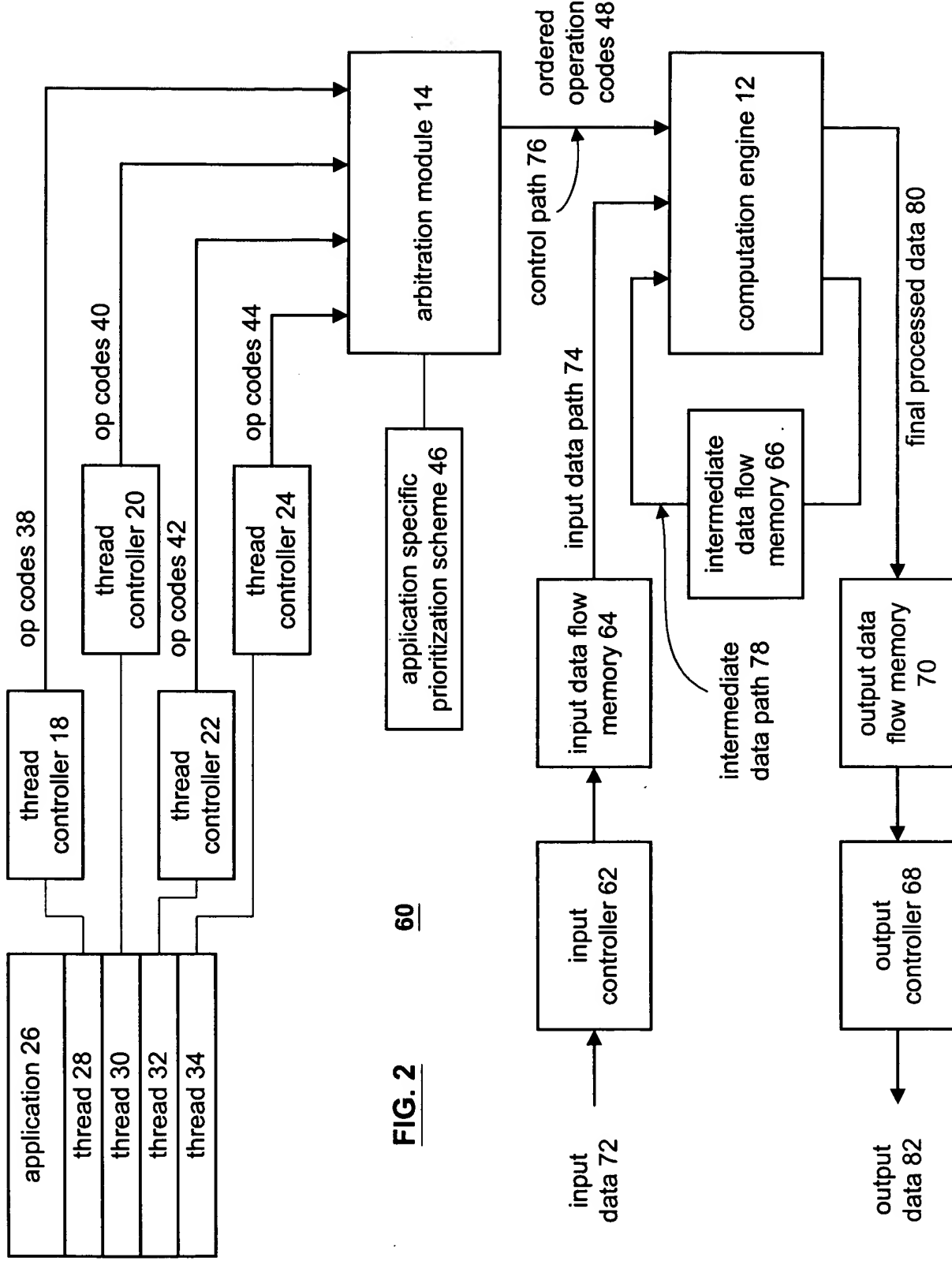


FIG. 2 60

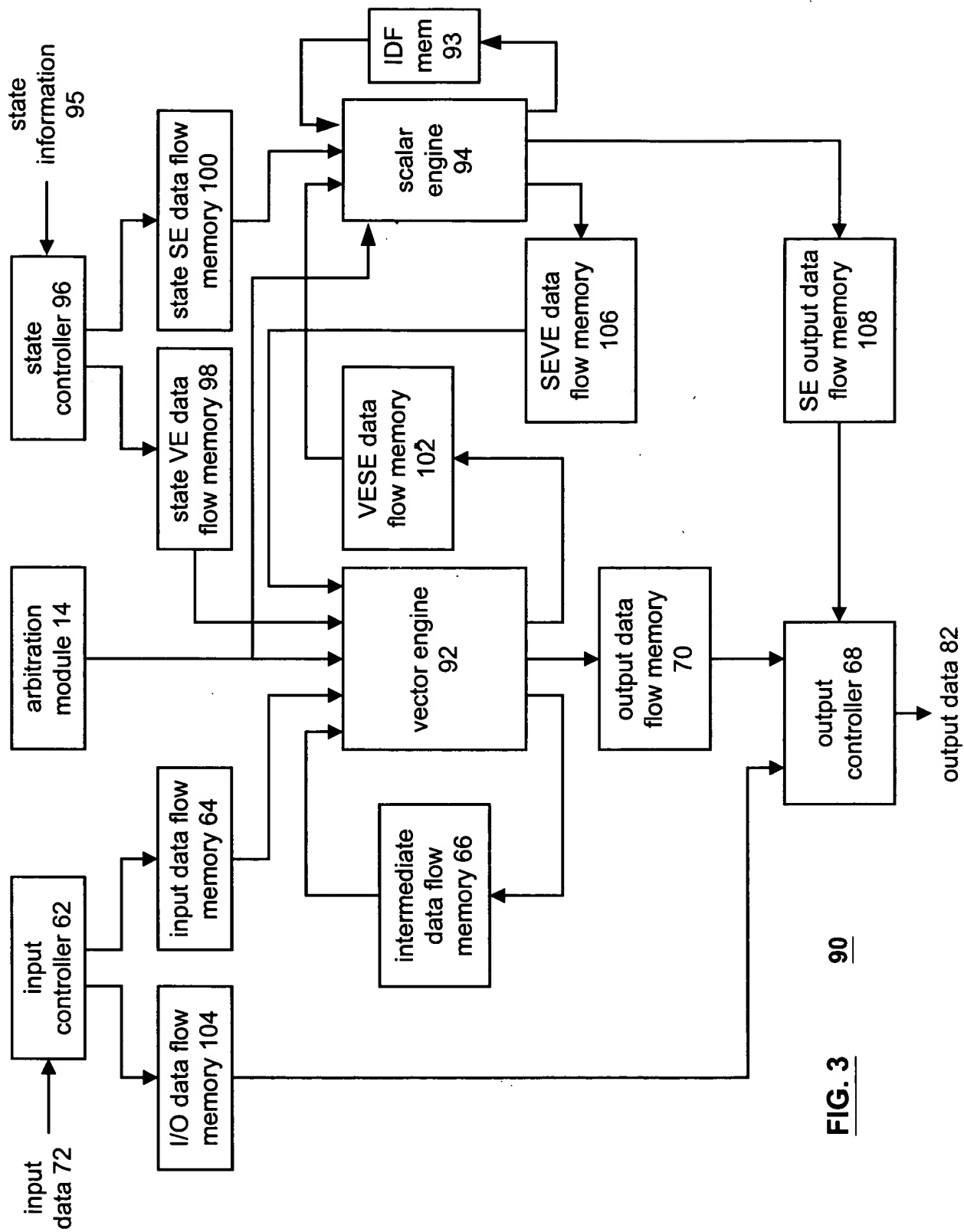


FIG. 3 90

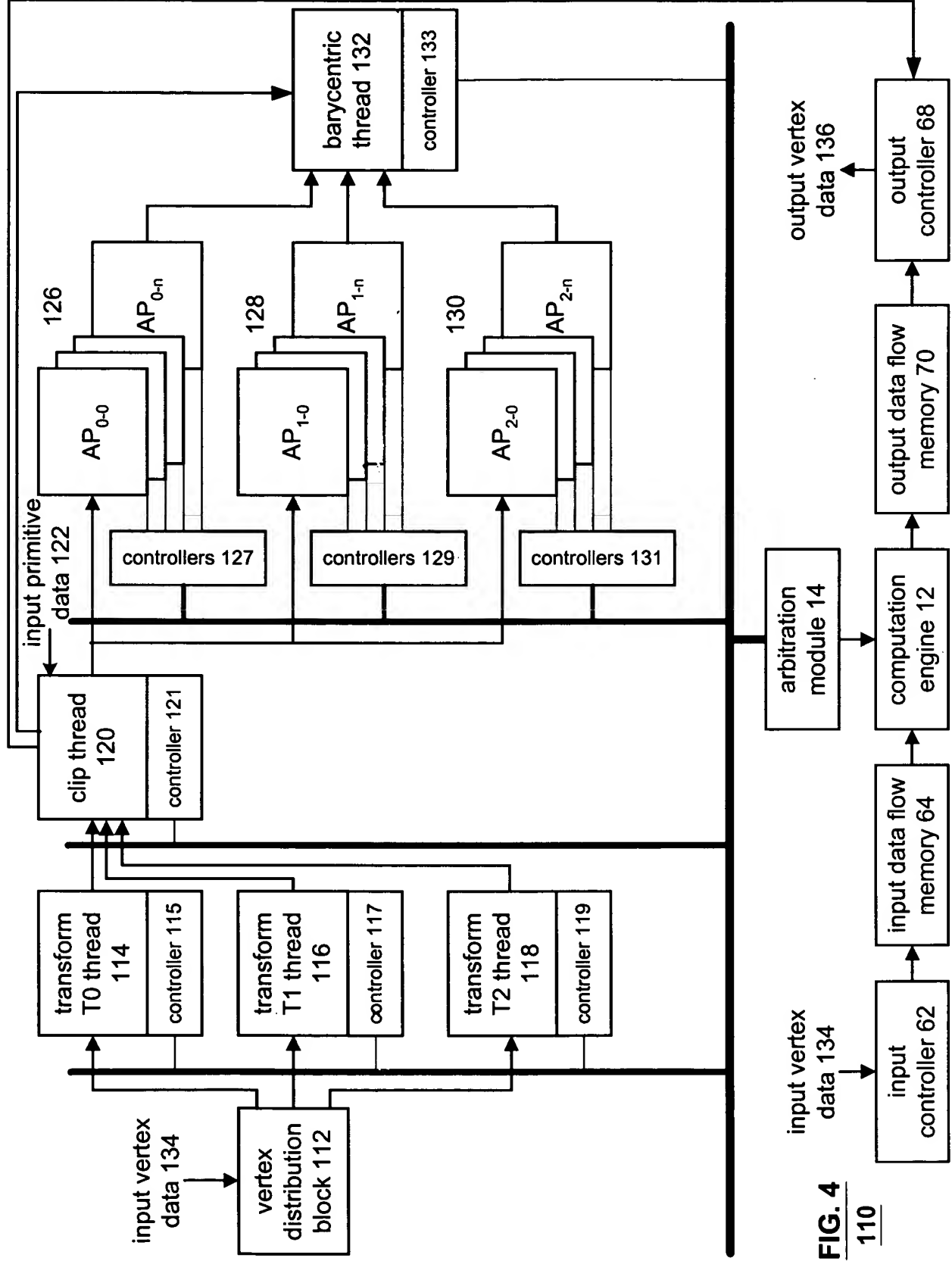


FIG. 4
110

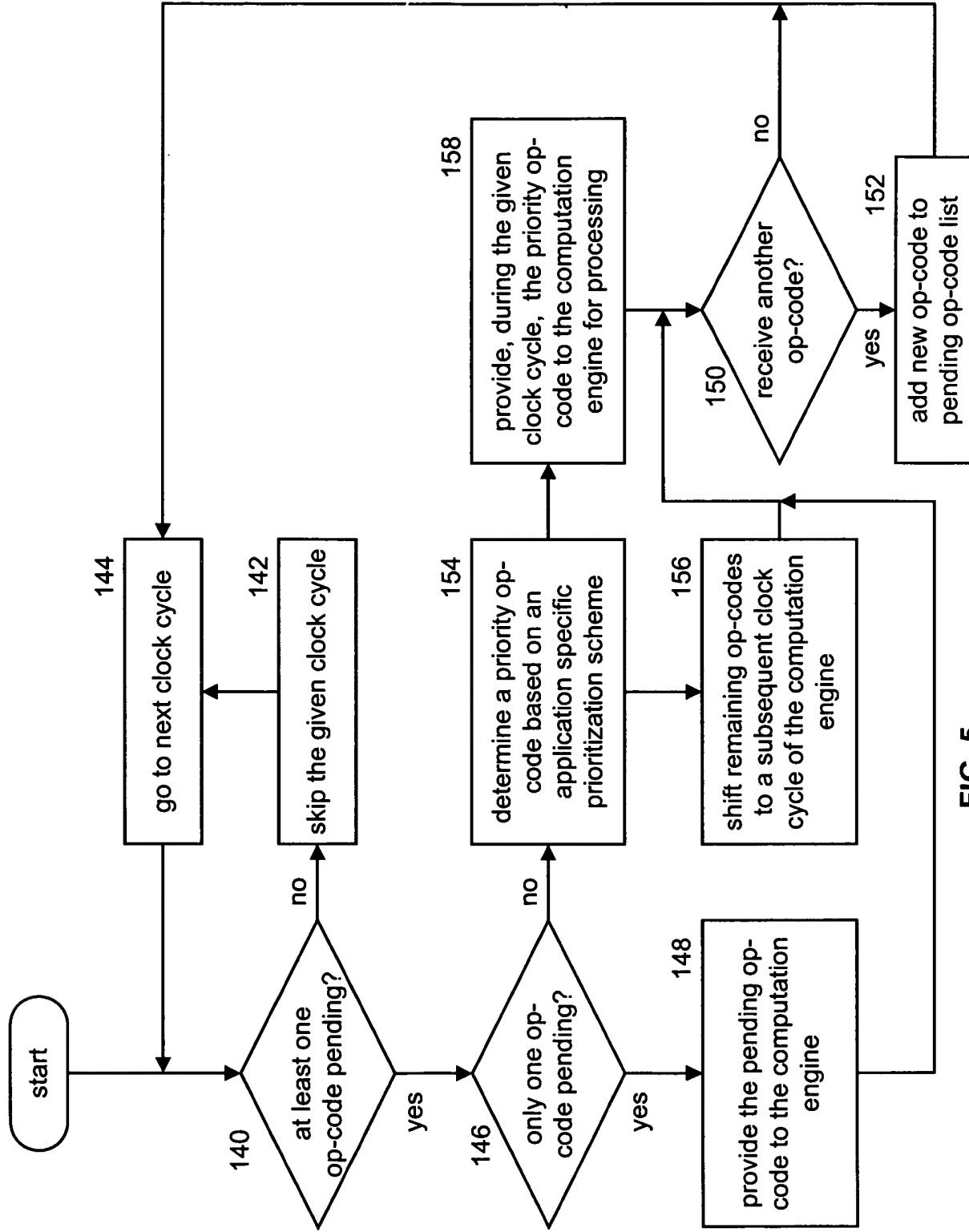


FIG. 5

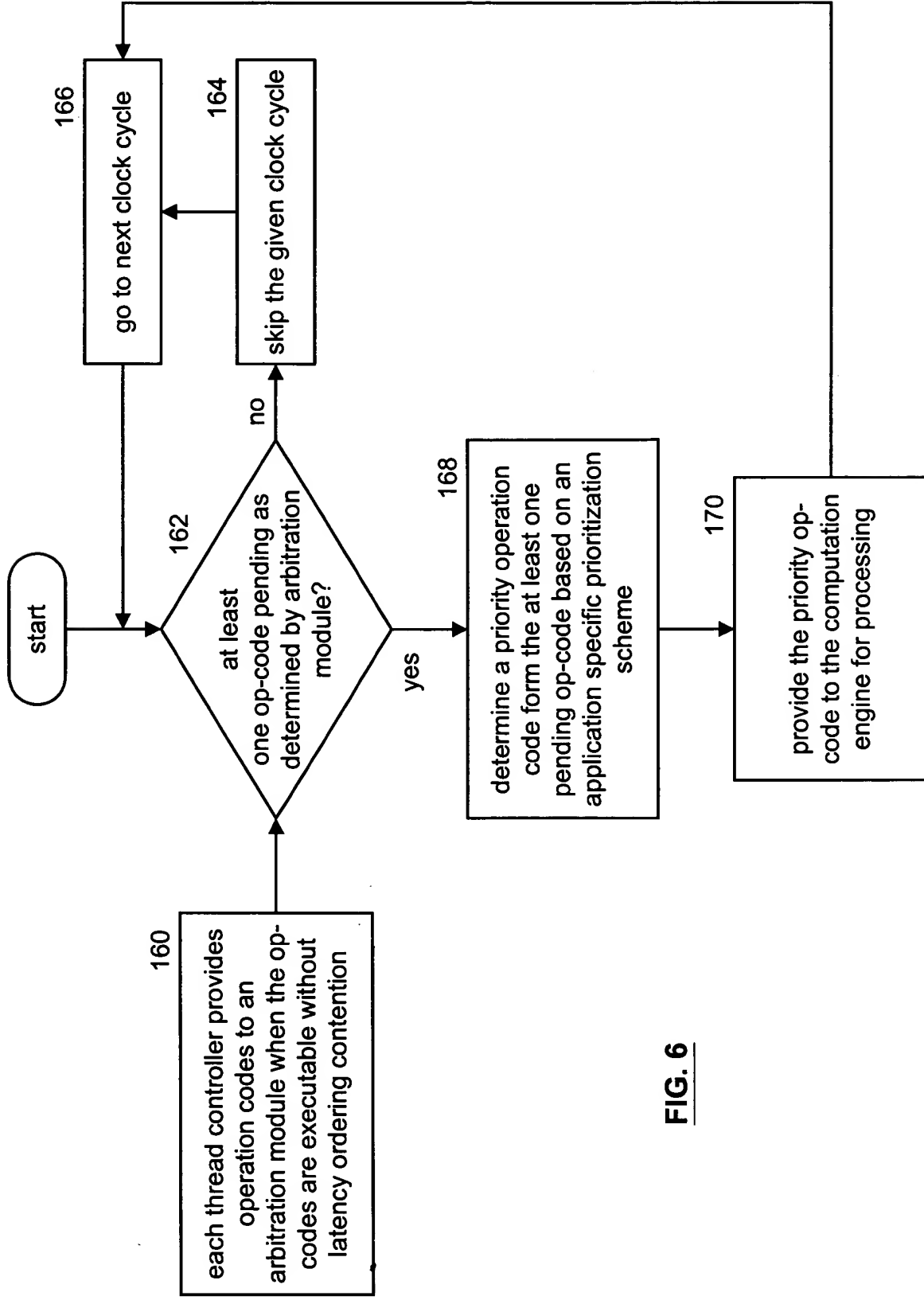


FIG. 6

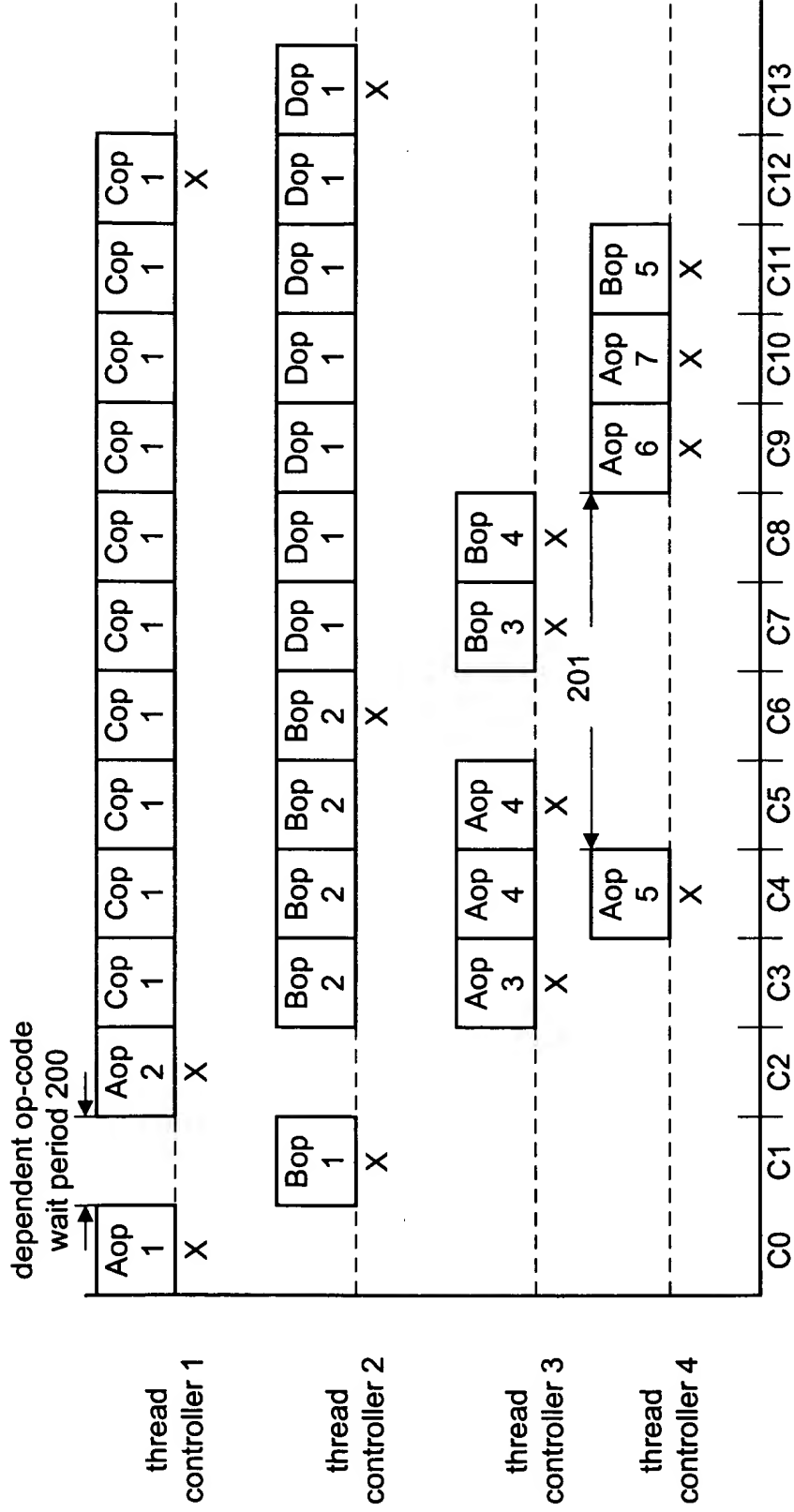


FIG. 7

prioritization scheme

- thread 4
- thread 3
- thread 2; thread 1

X indicates selected by arbitration
module based on priority scheme

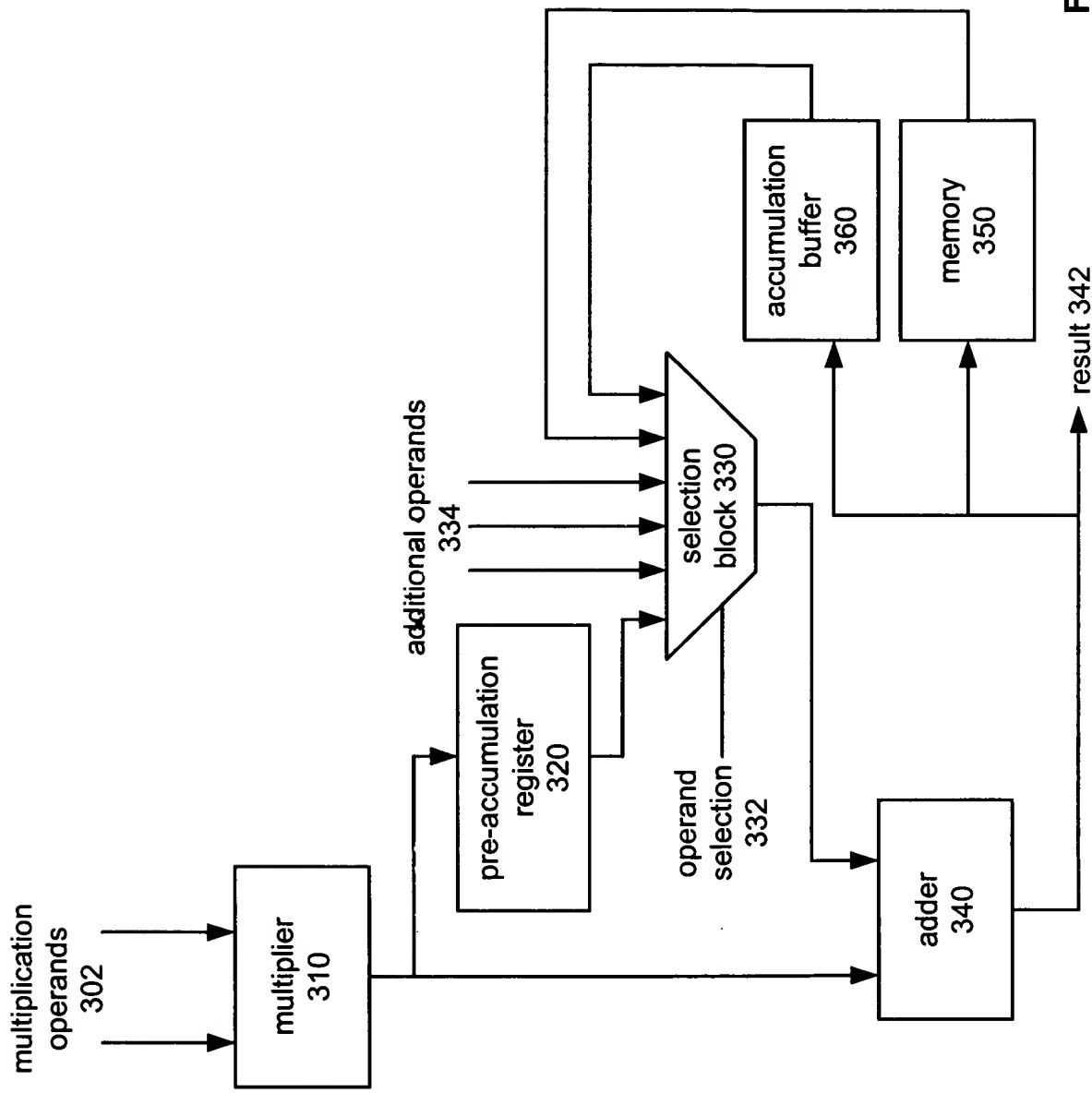


FIG. 8

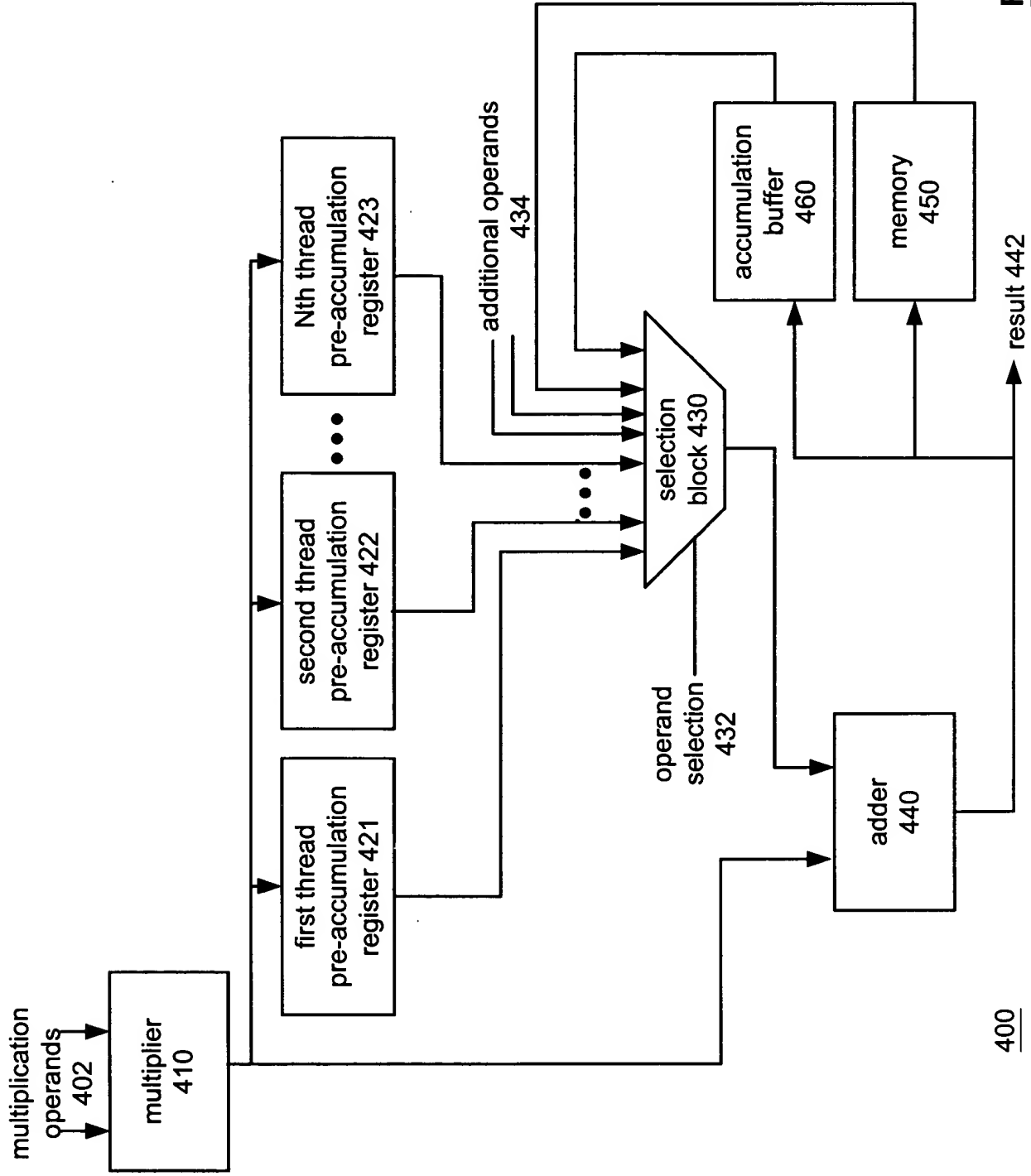
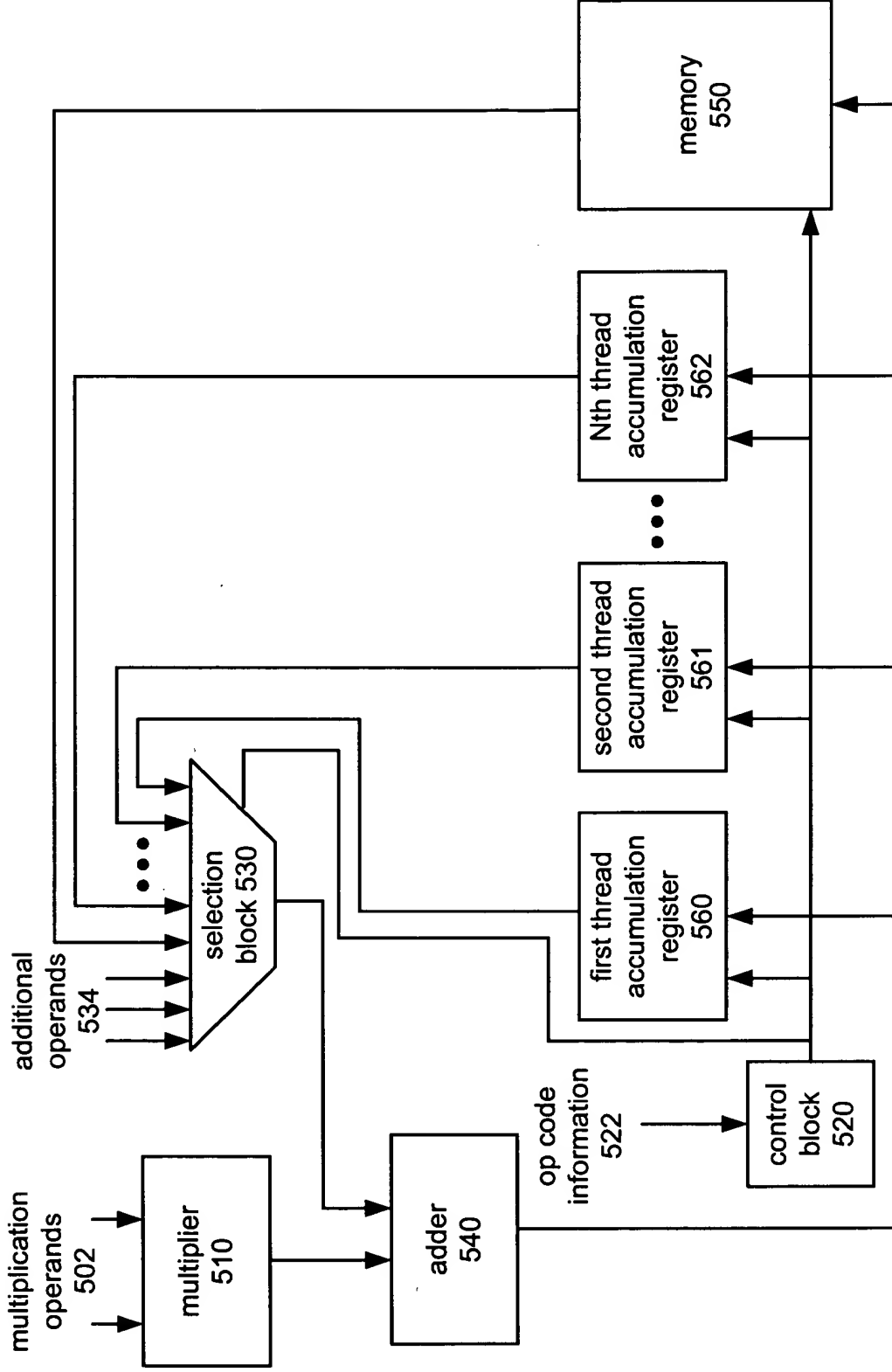
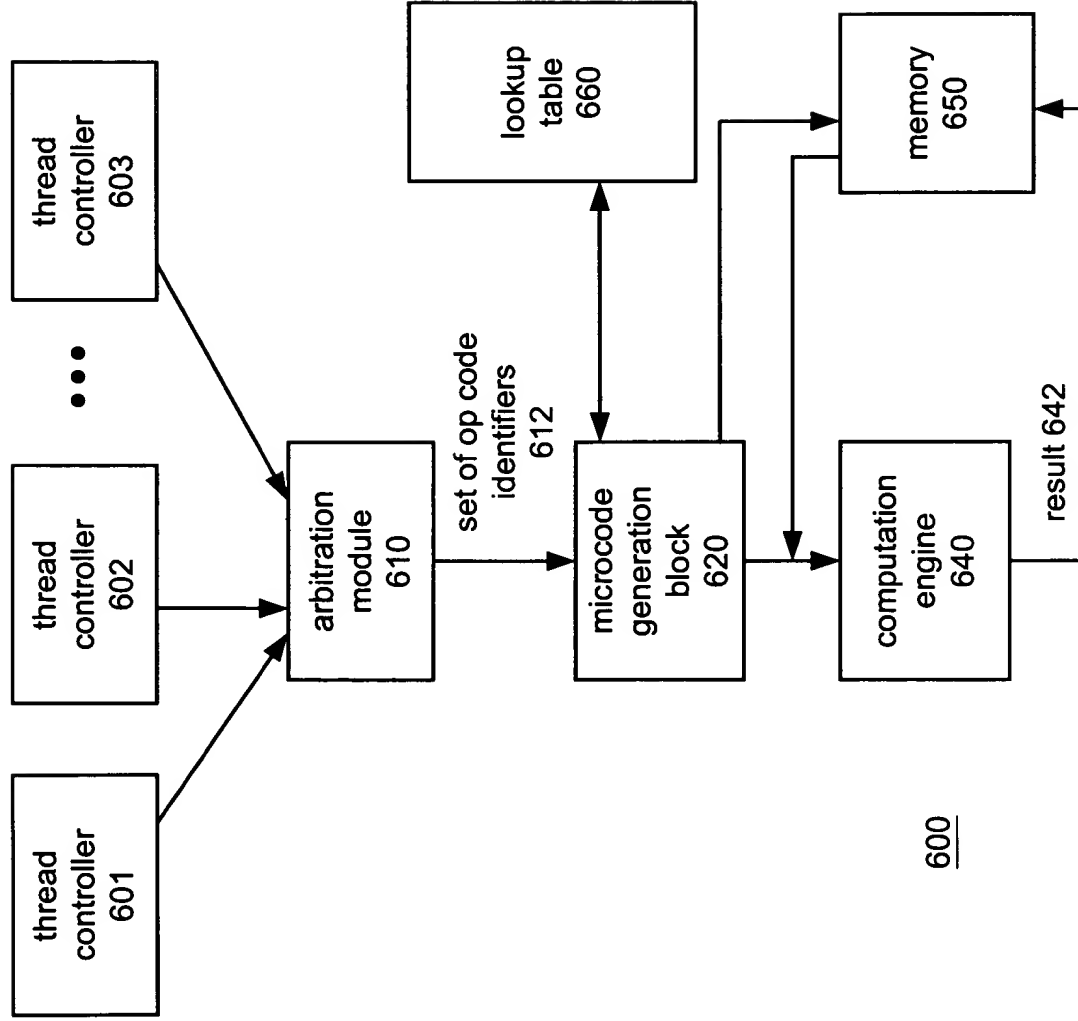


FIG. 9





600

FIG. 11

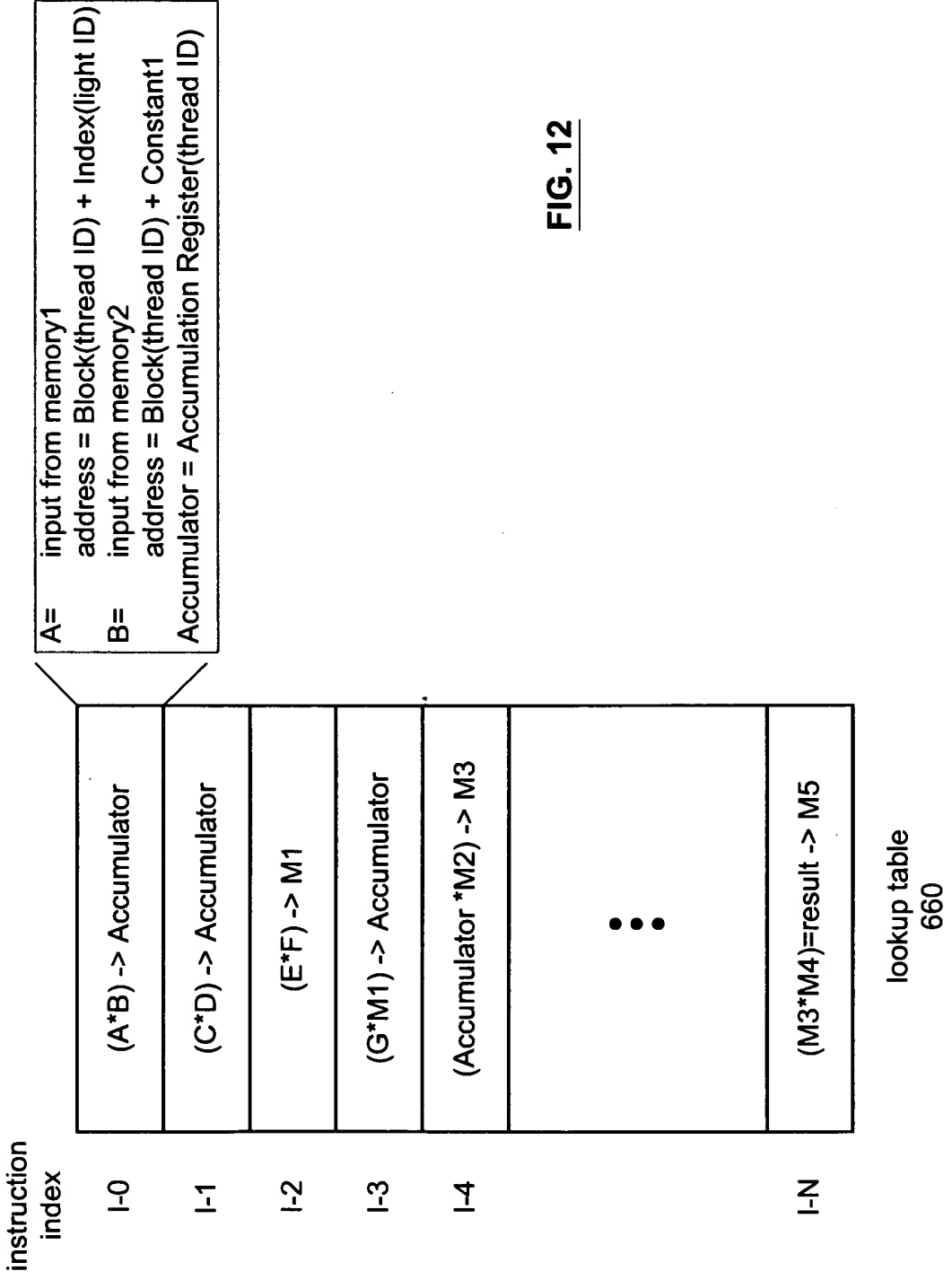


FIG. 12

